

CERTANIUM ALLOYS & RESEARCH CO/PREMIER INDUSTR INC -- CERTANIUM 34C,(14672) --  
3439-01-161-6500

===== Product Identification =====

Product ID: CERTANIUM 34C,(14672)  
MSDS Date: 01/01/1987  
FSC: 3439  
NIIN: 01-161-6500  
MSDS Number: BGPLH  
=== Responsible Party ===  
Company Name: CERTANIUM ALLOYS & RESEARCH CO/PREMIER INDUSTR INC  
Address: 4415 EUCLID AVE  
City: CLEVELAND  
State: OH  
ZIP: 44103-3733  
Country: US  
Info P  
hone Num: 216-391-8300  
Emergency Phone Num: 216-391-8300  
CAGE: 61404  
=== Contractor Identification ===  
Company Name: CERTANIUM ALLOYS & RESEARCH CO  
Address: 4500 EUCLID AVENUE  
Box: City: CLEVELAND  
State: OH  
ZIP: 44103-1395  
Country: US  
Phone: 216-391-8300  
CAGE: 61404

===== Composition/Information on Ingredients =====

Ingred Name: AMMONIUM CHLORIDE (SARA III)  
CAS: 12125-02-9  
RTECS #: BP4550000  
Fraction by Wt: 1-10%  
OSHA PEL: 10 MG/M3/20 STEL  
ACGIH TLV: 10 MG/M3 FUME; 9192  
EPA Rpt Qty: 5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: 1-10%  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: >30%.  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:MFR'S MSDS INDICATE VALUES REPRESENT A RANGE TO PROTECT  
PROPRIETARY FORMULA & VALUES ARE FOR MATERIAL IN FUME STATE.  
RTECS #:9999999ZZ

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Health Hazards Acute and Chronic:NONE CITED;ACUTE:WELDER'S FUME FEVER,  
ACCOMPANIED BY SYMPTOMS SUCH AS DIZZINESS, NAUSEA, ETC.  
Effects of Overexposure:INHAL: SHORT TERM OVEREXPOSURE TO WELDING FUMES  
MAY RESULT IN DIZZINESS, NAUSEA, OR DRYNESS OF NOSE, THROAT, & EYE  
IRRITATION.  
Medical Cond Aggravated by Exposure:NOT CITED.

===== First Aid Measures =====

First Aid:INHA  
L: REMOVE TO FRESH AIR, & OBTAIN MEDICAL ATTN.

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:MATERIAL IS NON-FLAMMABLE; USE MEDIA APPROPRIATE  
FOR SURROUNDING FIRE.  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE REPORTED.

===== Handling and Storage =====

Handling and Storage Precautions:NONE CITED.  
Other Precautions:ARC & SPARK COULD BE SOURCE OF IGNITION OF  
COMBUSTIBLE MAT

ERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WELD FUME RESPIRATOR OR AIRLINE RESPIRATOR FOR  
CONFINED SPACE OR WHERE EXPOSURES ARE ABOVE TLV.  
Ventilation:LOCAL EXHAUST & MECHANICAL (GENERAL)N- REFER TO ANSI Z49.1.  
Protective Gloves:WELDER'S PROTECTIVE GLOVES.  
Eye Protection:FACE SHIELD & COLORED ABSORPTIVE LENS.  
Other Protective Equipment:WELDER'S LEATHER PROTECTIVE APRONS,  
LEGGINGS, & COATS.  
Work Hygienic Practices:NONE CITED.  
Suppl  
emental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1  
Appearance and Odor:METALLIC OBJECT IN A "SPOOL" CONFIGURATION.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:NONE CITED.  
Hazardous Decomposition Products:NONE CITED.

===== Disposal Considerations =====

Waste Disposal Methods:NONE CITED.

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